

Patent Abstracts of Japan

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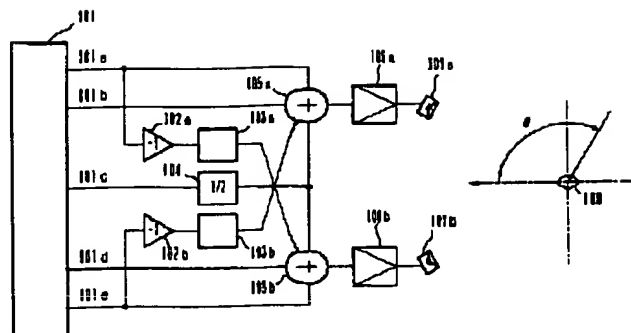
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TITLE : MULTI-CHANNEL SOUND
REPRODUCING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a sound reproducing device in which a conventional stereo equipment (power amplifiers and speakers by 2-channels) conducts multi-channel sound field reproduction.

SOLUTION: A signal of a right surround channel 101a is added to a signal of a right channel 101b by a 1st adder circuit 105a, an inverted signal by a 1st phase inverting circuit 102a is attenuated by a 1st attenuation circuit 103a and a signal of a left channel 101d is added to the attenuated signal at a 2nd adder 105b. A signal of the left surround channel 101e and a signal of a left channel 101d are added by the 2nd adder circuit 105b and an inverted signal by a 2nd phase reversing circuit 102b is attenuated by a 2nd attenuation circuit 103b and a signal of the right channel 101b is added to the attenuated signal at the 1st adder 105a.

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